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PTO/SB/92 (09-06)
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Application No. (if known): 10/584,392

Attorney Docket No.: ZIN-002

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PTO/SB/21 (09-06) Approved for use through 03/31/2007. OMB 0651-0031

## U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/584,392-Conf. #9031 I.A. Filing Date TRANSMITTAL December 17, 2004 First Named Inventor **FORM** Richard V. Penty Art Unit 2874 **Examiner Name** Not Yet Assigned (to be used for all correspondence after initial filing) Attorney Docket Number ZIN-002 Total Number of Pages in This Submission ENCLOSURES (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC Amendment/Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Proprietary Information** Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Extension of Time Request Terminal Disclaimer Identify below): -Return Receipt Postcard **Express Abandonment Request** Request for Refund -Certificate of Mailing (1 page) -Supplemental IDS (Citation) by Supplemental Information Disclosure Applicant (15 References) CD, Number of CD(s) Statement (2 pages) (1 page) -Copies of References B3-B6 and Certified Copy of Priority Landscape Table on CD C5-C11 Document(s) Reply to Missing Parts/ Remarks Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name GOODWIN-PROCTER LLP Signature Printed name

Reg. No.

50,389

Date

Robert & Blasi

March /9, 2007



Docket No.: ZIN-002

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Richard V. Penty et al.

Application No.: 10/584,392 Confirmation No.: 9031

I.A. Filing Date: December 17, 2004 Art Unit: 2874

For: MULTISERVICE OPTICAL Examiner: Not Yet Assigned

COMMUNICATION

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In addition, the Examiner's attention is hereby directed to U.S. Patent Application Nos. 10/538,713 and 11/660,625, which are related to this application.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information

Disclosure Statement shall not be construed to mean that a search has been made or that no other

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material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 07-1700, under Order No. ZIN-002.

Dated: March **19**, 2007

Respectfully submitted,

Robert S. Blasi

Registration No.: 50,389 GOODWIN PROCTER LLP

Exchange Place

Boston, Massachusetts 02109

(617) 570-1000

Attorney for Applicant



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Substitute for form 1449/PTO				Complete if Known		
				Application Number	10/584,392-Conf. #9031	
SUPPLEMENTAL INFORMATION				I.A. Filing Date	December 17, 2004	
	DISCL			First Named Inventor	Richard V. Penty	
	STATEMENT	BY A	PPLICANI	Art Unit	2874	
	(Use as many she ets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	ZIN-002	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> ( if known)				
	A2*	US-5,077,815	12-31-1991	Yoshizawa et al.		
	A3*	US-6,064,786	05-16-2000	Cunningham et al.		
_	A4*	US-6,304,352	10-16-2001	Cunningham et al.		
	A5*	US-5,359,447	10-25-1994	Hahn et al.		

FOREIGN PATENT DOCUMENTS						
Examiner	Cite No.1	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	Тe
Initials*		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY			
	B3	WO-97/33390	09-12-1997	Hewlett Packard Co et al.		
	B4	WO-04/056019	07-01-2004	University College London et al.		
	B5	GB-0229238.1	n/a	University College London		
	B6	WO-2006/018592	02-23-2006	Zinwave Ltd.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk: (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author ( in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>		
	C5	International Search Report for corresponding PCT Application No. PCT/GB2004/003593 (4 pages)			
	C6	Written Opinion of the International Searching Authority for corresponding PCT Application No. PCT/GB2004/003593 (5 pages)			
	C7	International Search Report for corresponding PCT Application No. PCT/GB2003/005428 (3 pages)			
	C8	Written Opinion for corresponding PCT Application No. PCT/GB2003/005428 (9 pages)	[		
	C9	Raddatz et al., "High Bandwidth Multimode Fibre Links Using Subcarrier Multiplexing in Vertical Cavity Surface Emitting Lasers," Optical Fibre Communication Conference, OSA Technical Digest, Optical Society of America, Washington DC, (1998), pp. 358-359			
	C10	Raddatz et al., "Influence of Restricted Mode Excitation on Bandwidth of Multimode Fibre Links," Photonics Technology Letters, vol. 10, (1998), pp. 534-536			
	C11	Schuh, et al. "Penalty Free Simultaneous 1 GBIT/S Digital and GSM-1800 Radio Signal Transmission over 600 M Multimode Fibre Using 850 NM VCSEL Sources," Telia Research AB, (3 pages)			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /RP/

Examiner	/Rhonda Peace/	Date	01/29/2008
Signature	Translag F Gdoc/	Considered	0172012000

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.